

Figure 1 (The Basic Invention Used in a Conveyor Application)

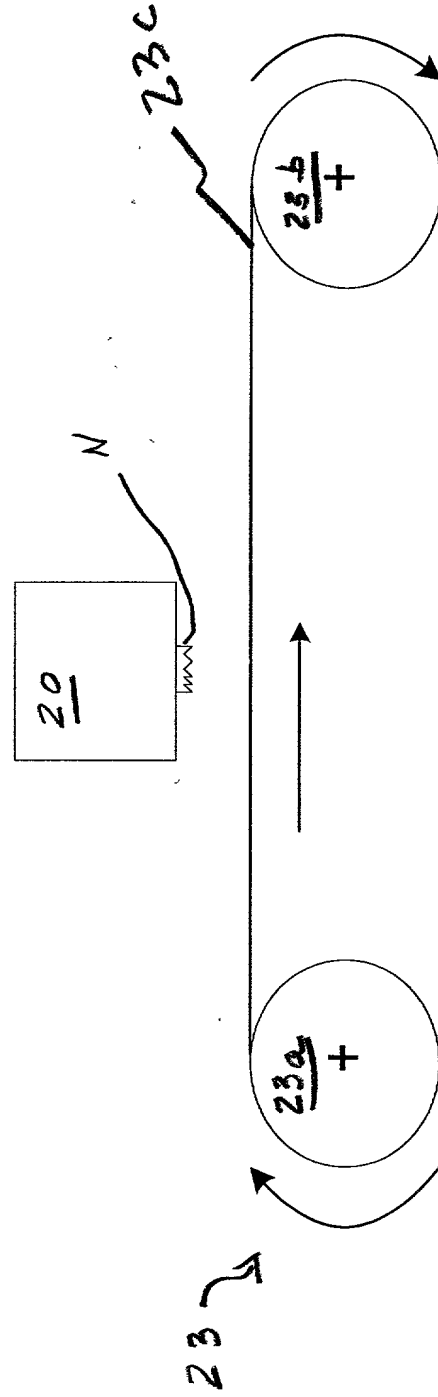


Figure 2 (The Basic Invention Used in a Continuous Web Application)

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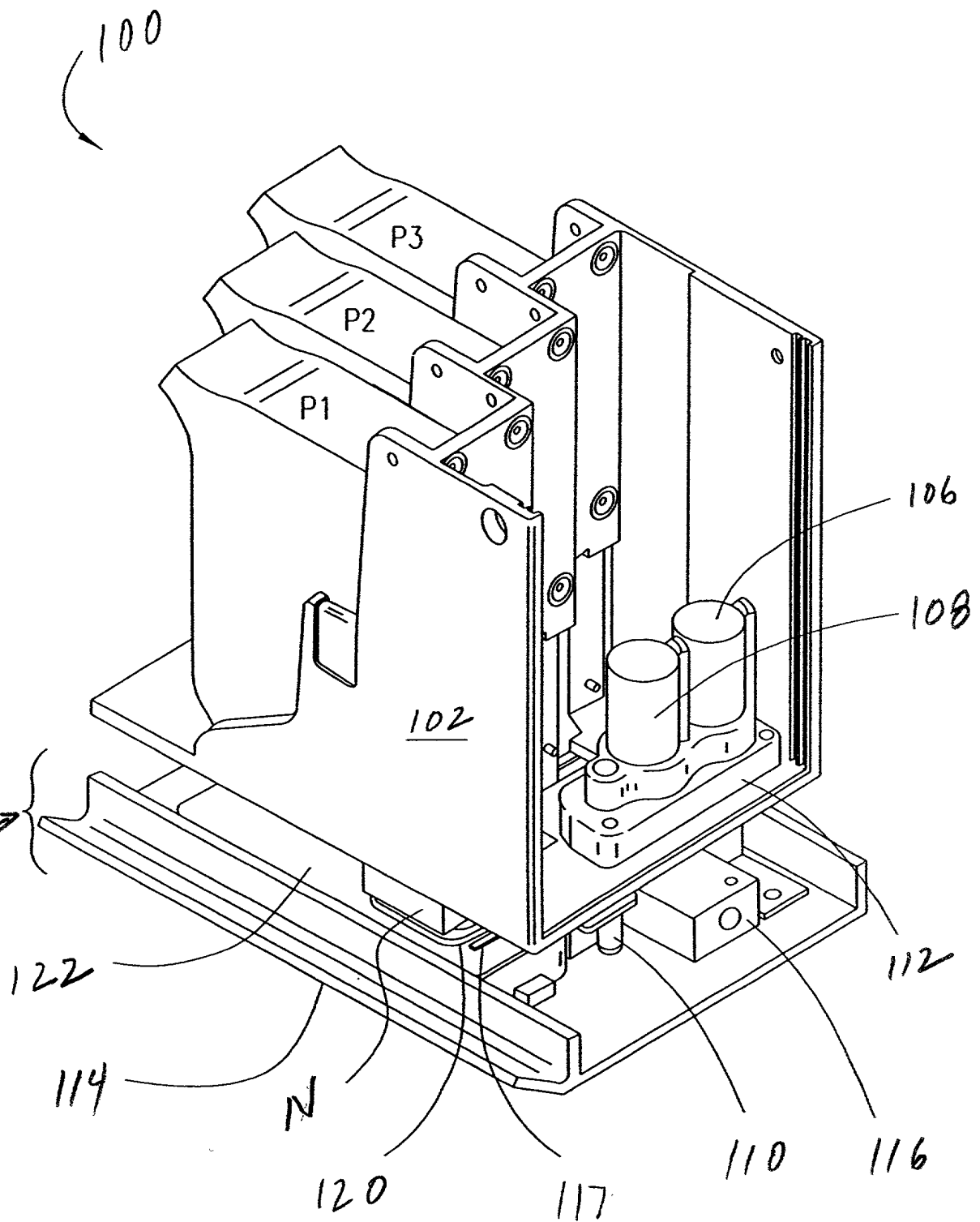


FIG. 3

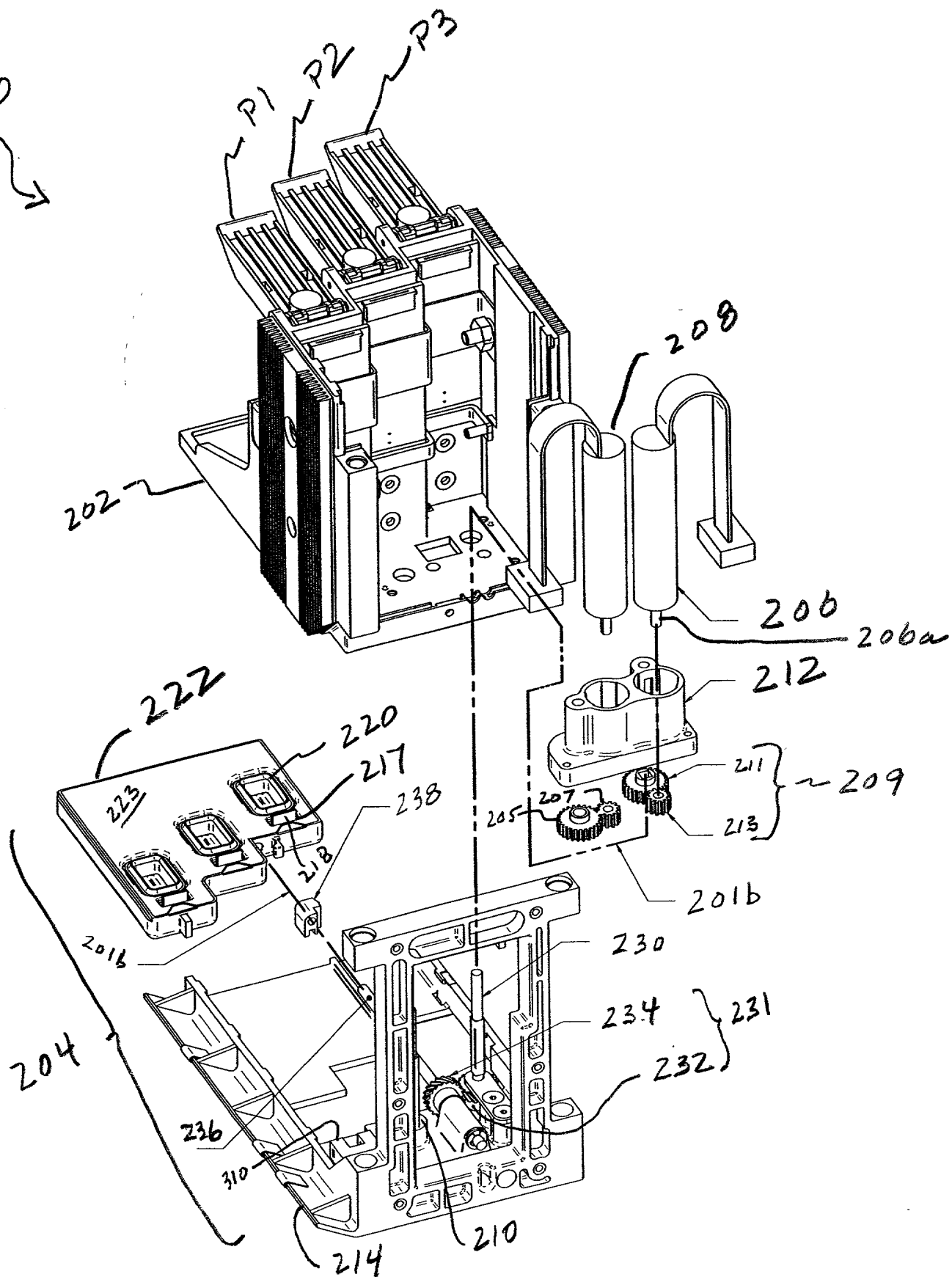


Figure 5 (Power Transmission Path
for Waste Ink Receptacle Horizontal Motion)

10082781.02200
2002201.02200

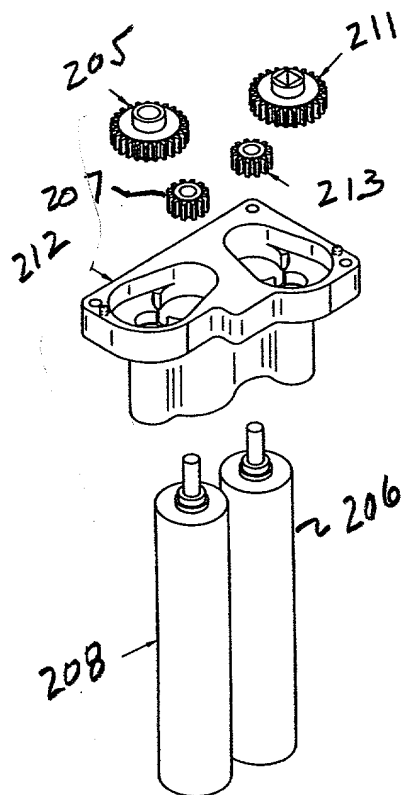


Figure 6 (Motor, Housing and Gear Assembly)

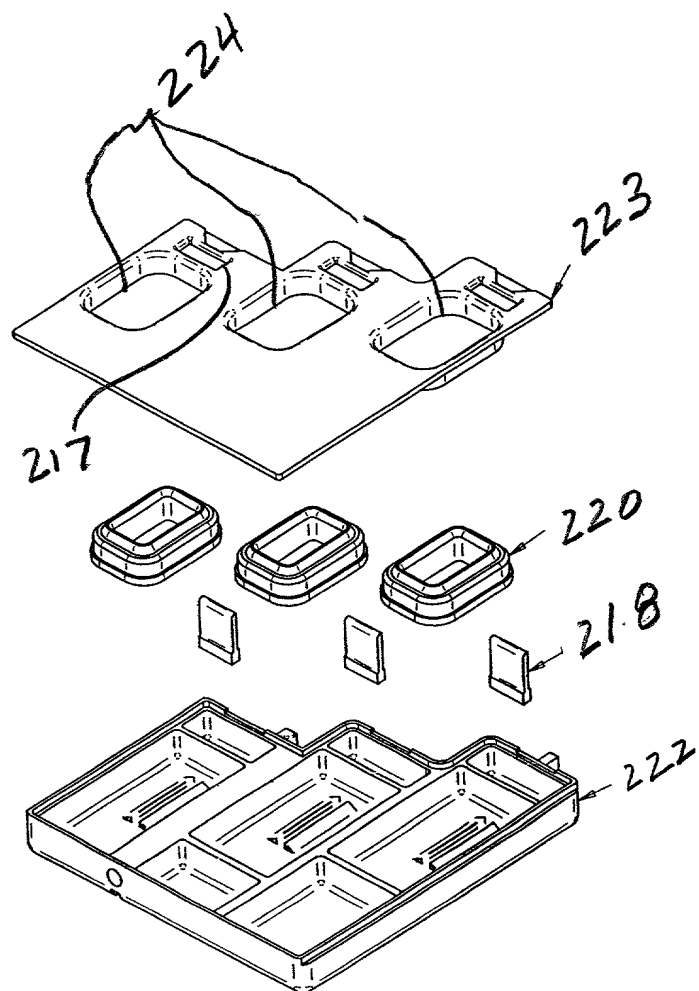


Figure 7 (Ink Receptacle Assembly)

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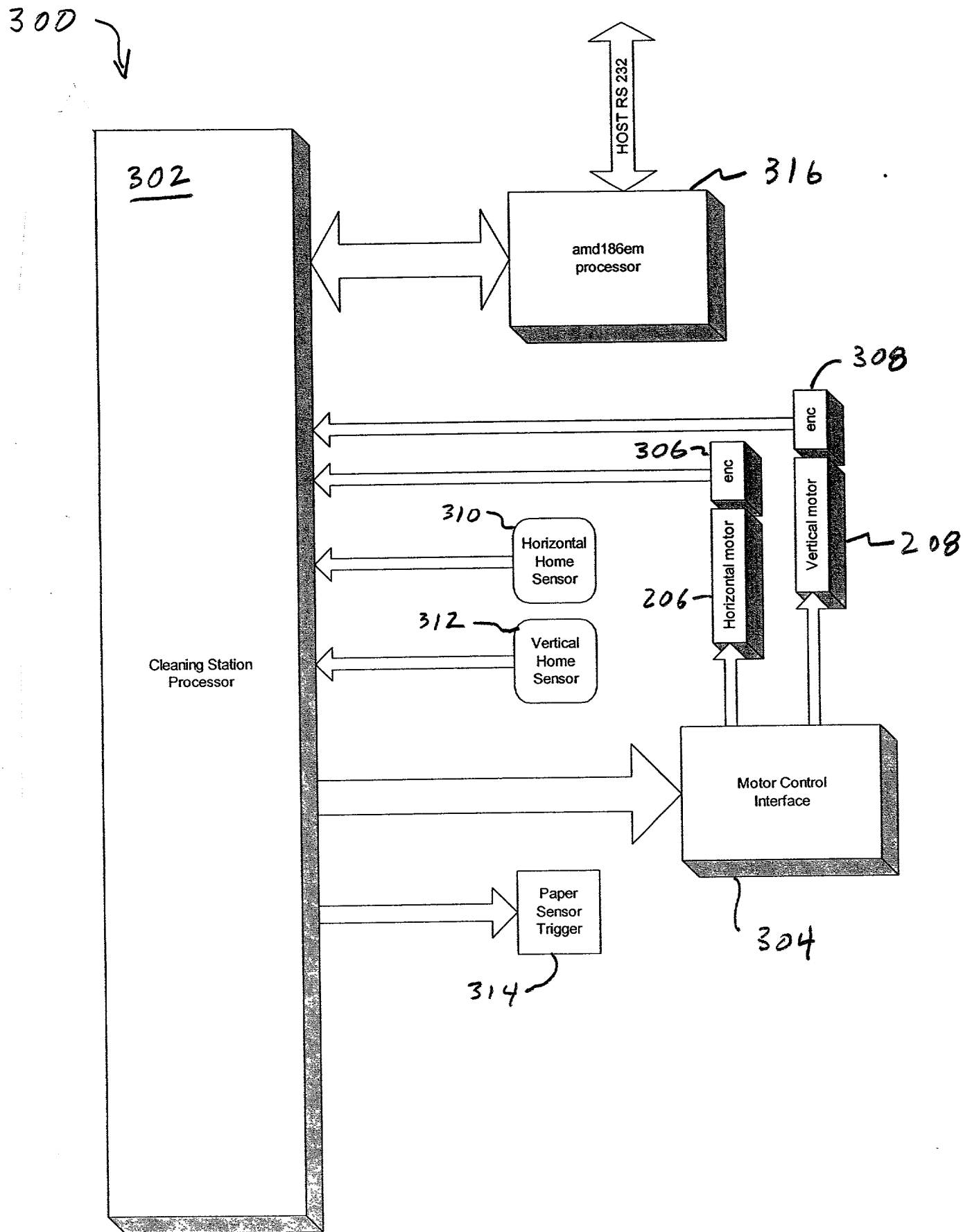


Figure 8 (Cleaning Station Control Assembly)

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350



Production

352

Print

354

Park

356

Clean

358

Remove Tray

These commands
are used in normal
operation and can be
issued at any time
desired.

Figure 9 (Cleaning Station Commands)

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Fig. 10A Print

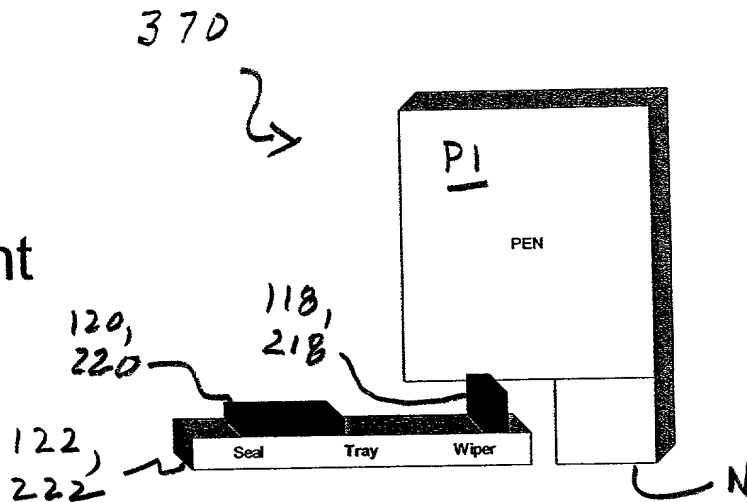


Fig. 10B Park

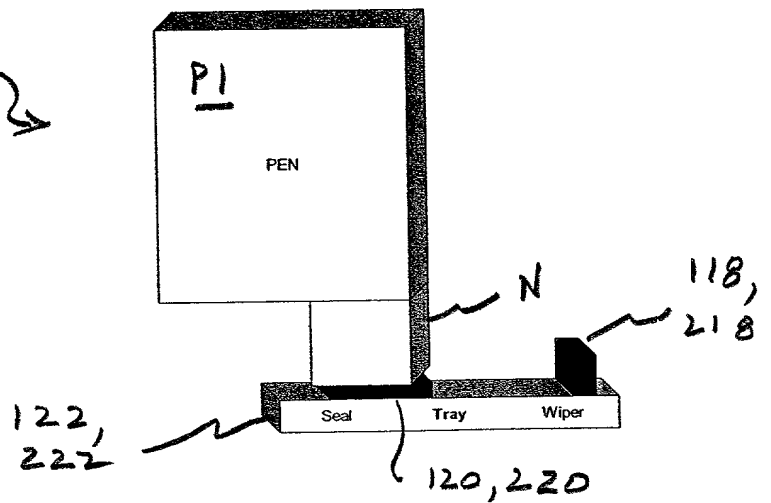


Fig. 10C Remove Tray

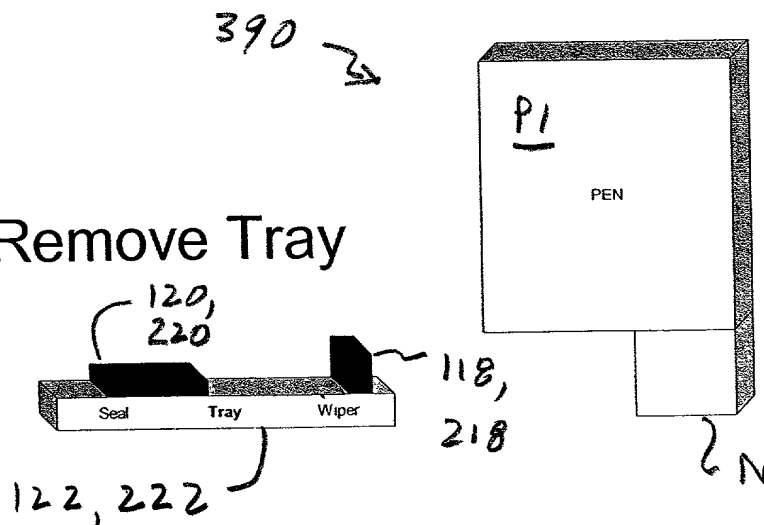


Figure 10 (Print, Park and Remove Tray Positions)

400

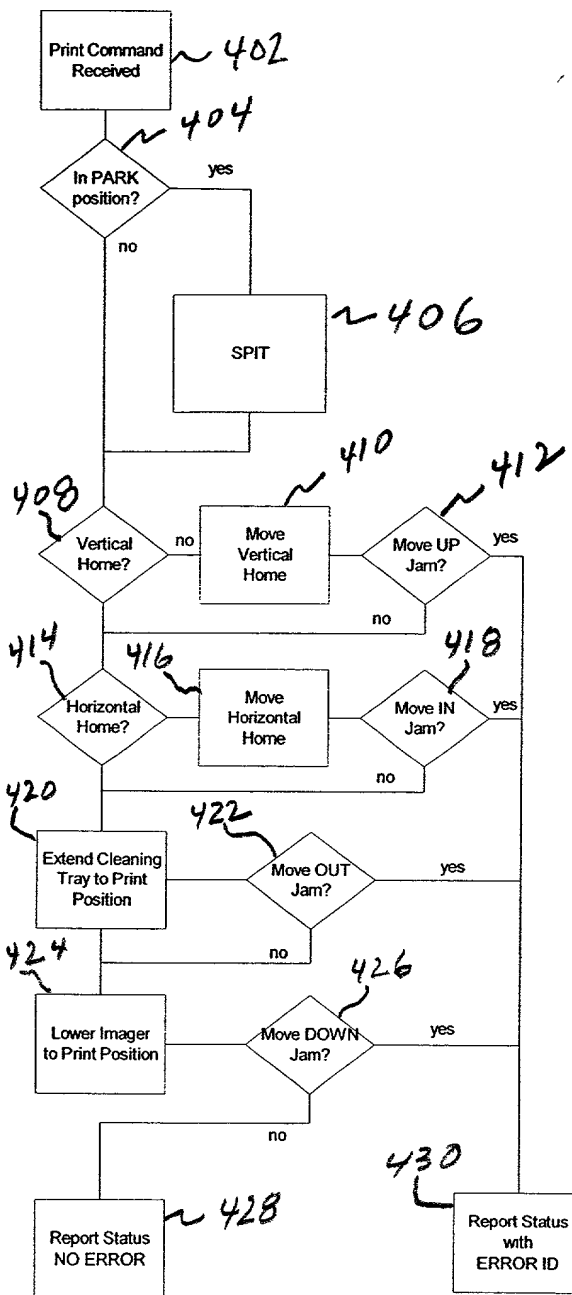


Figure 11 (Print Cycle Flowchart)

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500

2

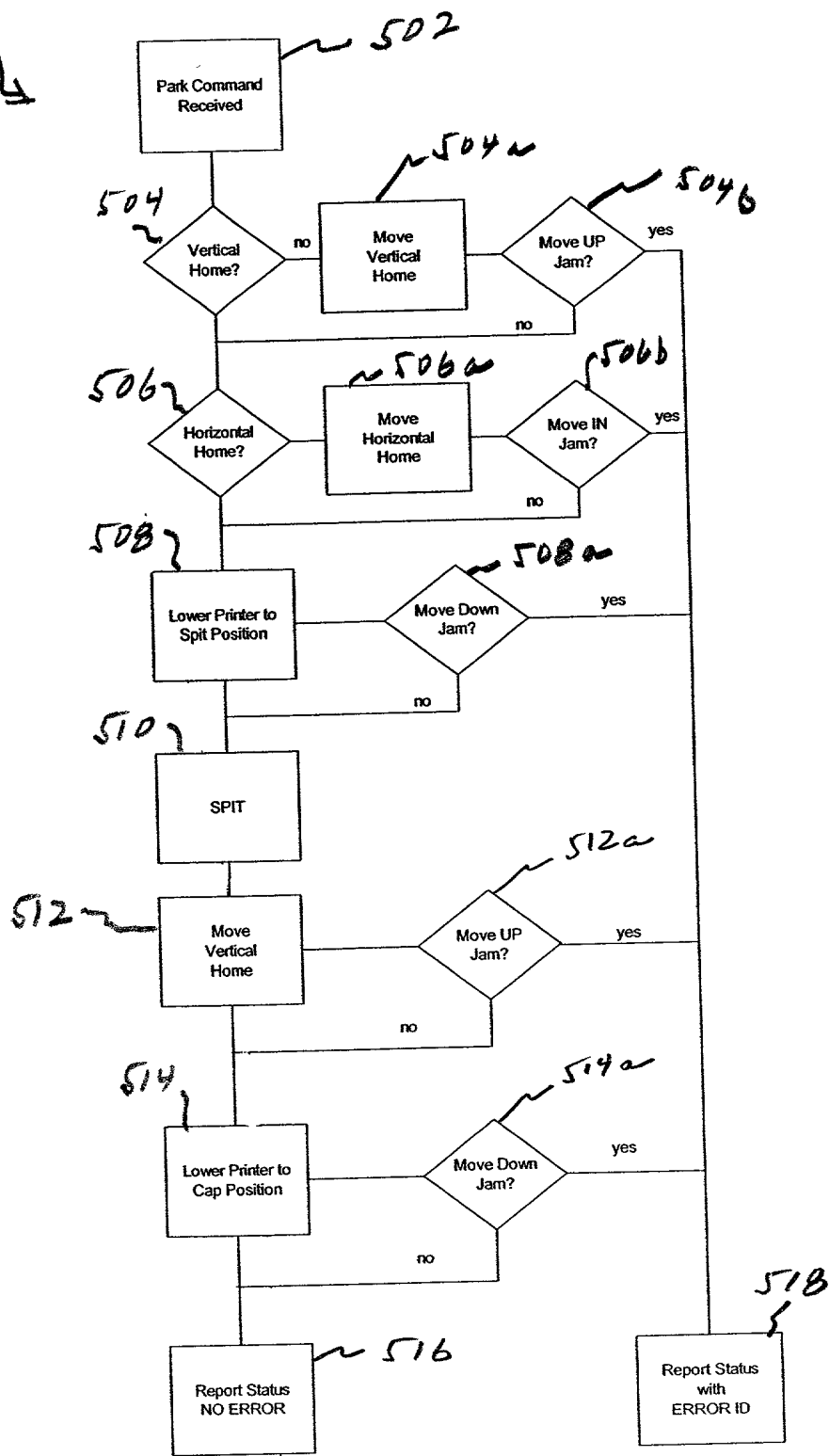


Figure 12 (Park Cycle Flowchart)

Cleaning Cycle

Fig. 13A Start

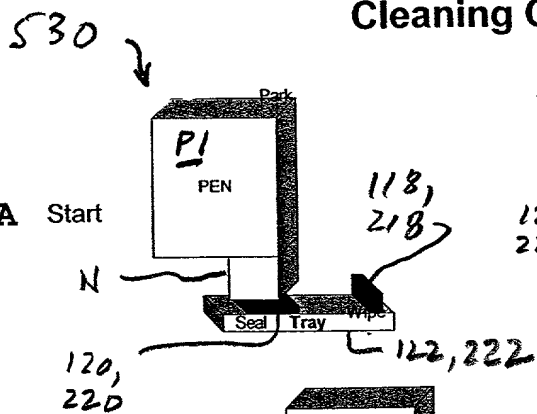


Fig. 13A'

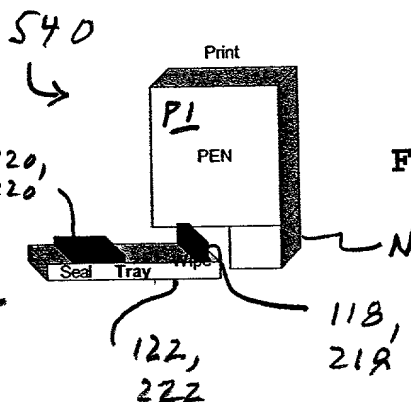


Fig. 13B Spit

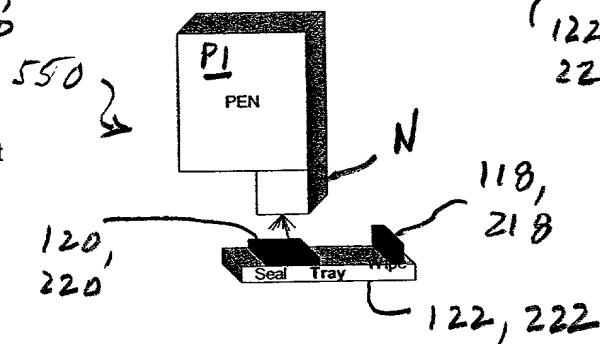


Fig. 13C Wipe

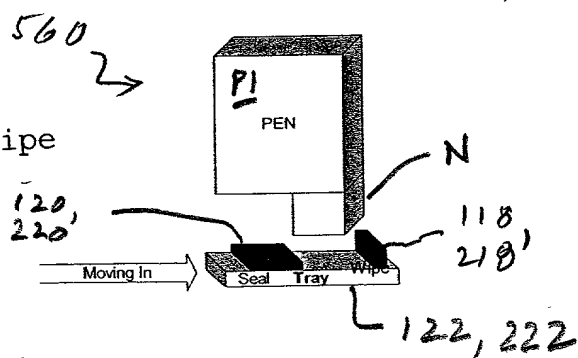


Fig. 13D Wick

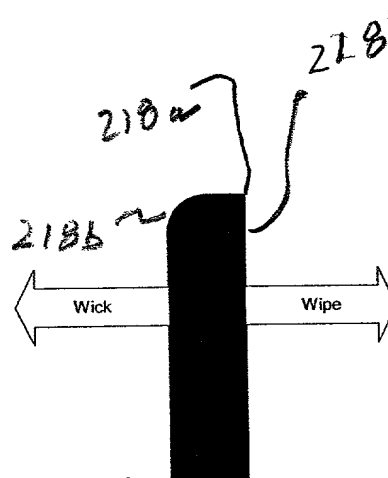
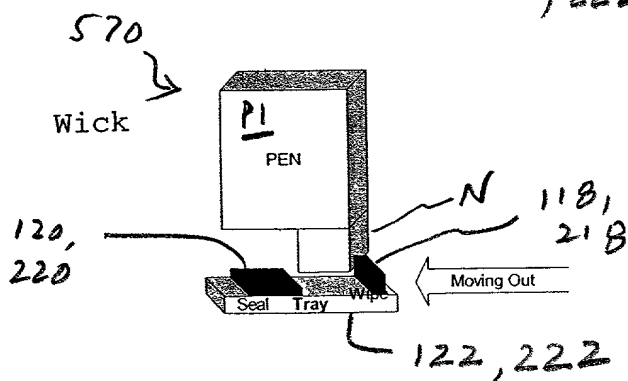


Figure 14 (Wiper)

Figure 13 (Cleaning Cycle Positions)

700

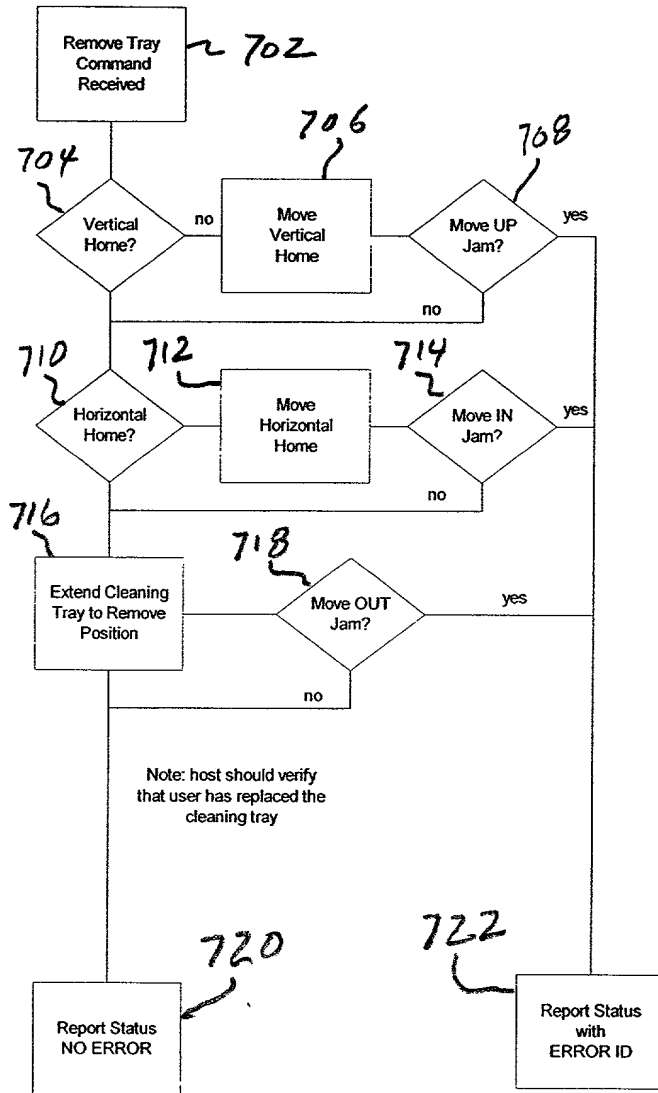


Figure 16 (Remove Tray Cycle Flowchart)